MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
ch				
Layout Plan				
ranapalya				
eer,				
P..				

AEE | KSD | SBR | 191 | 15-16 dt- 29/1/16

M. A. R. 57 (Rule 116)
Measurement Book

No. B 183821

Serial No. 20-275/25-2-16

Name of work Details estimate for water Supply to Drillings of Borewells, Erection of Pump motor in Veerananapalya in ward no-7 Byrarayanapura Kadugodi Sub Division. Estd Cost 4.95 lakhs

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Tb no :- 007-15-00004						
	AS NO :- EE/BTP/AS/49/2014-15						
	TS NO :- EE/BTP/TS/128/2014-15						
	Agency :- B.M. Munikaju						
	W.O.NO:- E-PMT/265/2014-15.						
	Aggrement NO :- EE/BTP/BBMP/E-PMT/W.O.265/2014-15						
	1) Geophysical Survey geophysical investigation of Site for Sinking Borewell for Supplying drinking water to the habitation either through the hand pumps, MWS OR PWSS as per						

14/1/16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	etc. PRE - Bangalore Circle 2011-12 page no 43 item no 43.						
		Each					1994 = 00
2)	Sinking of Borewell of 165 mm Clear using front hydraulic jig of Capacity 250PSIG and above 900 CMP & above in all Strata including over burden upto 22m fixing of Casing pipes and etc as per Specified PRE - Bangalore Circle 2011-12 page no 43						
a)		0 to 50 mts @ 301.25					15063-00
b)		50 to 100 mts @ 394.00					19730-00
c)		100 to 150 mts @ 442.80					22144-00
d)		150 to 200 mts @ 487.00					24350-00
e)		200 to 250 mt @ 538.00					26920-00
f)		250 to 300 mt @ 577.25					28863-00

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Date	Full description, etc, of work	Number
	2	3
3)	Supply of ISI Mark 175 mm Nominal Casing pipe - Grade of Steel Fe-5-4 mm thick. Confirming to IS manufactured by basic open hearth Oxygen process in Random lengths 2010-11 page no. 11 Item no - 54	140
4)	Additional Rate on the No. 2 is allowed Laydon and pulling Casing pipes and beyond 30 mts 30% on basic rate	

UREMENT BOOK

Dimensions				Contents	Reference to last Measurement
mber 3	Length 4	Breadth 5	Depth 6	7	8
011-12 page no 43					
ch					1994 = w
m Clews raising front hydraulic above 900 CMP & above in all ion upto 22m fixing & er specified PRE - e no 43					
0 to 50 mts @ 301.25					15063 - w
50 to 100 mts @ 394.6					19730 2 w
00 to 150 mts @ 442.88					22144 2 w
50 to 200 mts @ 487. w					24350 2 w
00 to 250 mt @ 538. w					26920 2 w
50 to 300 mt @ 577.25					28863 2 w

M. A. R. 57 (Rule 116)
Measurement Book

No. B 183822

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Date	Full description, etc, of work 2	Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Dimensions: Depth 6	Contents 7	Reference to last Measurement 8
(3)	Supply of ISI Mark 175 mm Nominal bore plain end steel Casing pipe - Grade of Steel Fee-410 of wall thickness 5-4 mm thick. Conforming to IS 3587/1933 and manufactured by basic Open hearth electric or basic Oxygen process in Random lengths etc as per PRED 2010-11 page no 11 item no - 54	40 Rmt		@ 1390.58			Rs 55,623 2 w
(4)	Additional Rate on the No. 2 is allowed for drelling in over lauden and falling Casing pipes beyond 3 mts rate at 15% and beyond 30 mts 30% on basic rate of Rs 287 4 allowed						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Etc as per PRED 2010-11 page no. 11 Item no. 9.4						
a)		10 nts	@ Rs	45.65			Rs 467=00
b)	Above 30mts	10 nt	@	90.36			Rs 904=00
c)	providing 175mm dia ms Collar (RDED Sr page 11 Item 55						
		11	Each	@ Rs	157=42		Rs 1732=00
d)	Providing 175mm dia MS Cap.						
		1	Each	@ Rs	104=95		Rs 105=00
e)	Supply and delivery at site brand new Texmo/Innova/Kirloskar/Sabar/Atalanta/Calamal/Waterman/Radha make						

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ate	Full description, etc, of work	
	2	
	Suitable vertical Installation of single stage or multi stage means of stainless steel Co totally enclosed and fi Rs per 15HP 30 Stage At :- 30/07/2010	
	Checked	
8)	Supplying and drawing Submersible pump Cabl Grade Copper with flexible upto 1100 volts as per pa	

ENT BOOK

Dimensions th	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
10-9-4				
Rs 45-65				Rs 467=00
	90-36			Rs 904=00
Page 11 Item 55				
@ Rs 157=42				Rs 1732=00
@ Rs 104=95				Rs 105=00
w/Innova/Rub				
odha trader				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 183823

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te	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Suitable Vertical Installation in 150mm dia Bore wells Comprising of single stage or multistage CI pump close Coupled by means of Stainless steel Coupling to Suitable HP Suitable speed totally enclosed and filled with pure drinking water etc Rs per 15HP 30 Stage SE approved Rate. Letter No :2133 dt :- 30/07/2010						
	Checked. J-7 & 8.					@ Rs 54570=00	Rs 54570=00
8)	Supplying and drawing 3 Core 4 Sqmm Flate Pvc shelted Submersible pump Cable manufactured with Electrolytic Grade Copper with flexible Copper Conductor to table 3 Class 5 upto 1100 volts as per page No 48 Item 29 c/1						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Checked	296	@ Rs 158.47/mts				Rs 46907=00
	6/2						
9)	Supplying and fixing 50mm Non return valve of Vertical type of approved make including cost of all materials labour Hire of Equipment with all leads Complete as per specifications by SE. RDED Lot no. 2081/2010-11						
		1	@ 1605-73/no				Rs 1606=00
10)	Supplying and fixing 65m gate valve (AS pol rate approved by SE. RDED Lot no 2081/2010-11						
		1	@ Rs 1500=00				Rs ~~1504~~ 1500.00

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Date	Full description, etc, of work	Num
1	2	3
11)	Supplying and fixing 160mm b	
		1
12)	Supplying and fixing 50mm GI	
		1
13)	Supplying and fixing 50mm	
		1

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
42)37)	Spoiling of Excavated earth to the final place of disposal with all lead and lift and as directed by Engineer in Charge (lead upto 15.00 Km)	2.4		@ Rs 112.13/Cum			Rs 269.11
43)	Transportation of pumping machinary	2.4		@ Rs 891.65/day			1682 = 00 Rs 8911.65
39) 44)	Erection of Pumping machinary	1.0		@ Rs 891.65/Unit			Rs 891.65
				Total Rs			495500 = 00
							Less 1% Cess charges 4955 = 00
							490545 = 00

MCI F-C

Executive Engineer.
Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Certified that the above Bill amount is correct and within BBMP limit

14/1

14/1/16

Serial No. BBMP/285/25/2/16

Name of work

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	N
	2	

498486 = 00

5059 = 00

443154 = 00

NT BOOK

mensions			Contents	Reference to last Measureme
n	Breadth 5	Depth 6	7	8
inal place of nd as directed pto 15.00 KMs)				
@ Rs 112.13/Cum				Rs 269.11
Rs 891.65/day				1682=00 Rs 8916
Rs 891.65/Rent				Rs 891.65
Total Rs				495500=00
BESCOM charges 14000				509500=00
ove Said work is Rupees Five Lakh Nine Thousand Five Hundred only				498486=00
limit				

14/1/16

M. A. R. 57 (Rule 116)
Measurement Book

No. B 183830

22 NO. 225 / 25 2/16

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me of Contractor of nature of Agency.....
te of commencement of work.....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	498486=00						
	55332=00						
	443154=00						

IT - 4985 -
WT - 19933 -
TSQ - 24924 -
EWR - 4985 -
CSQ - 499 -
total ded IT → 55332=00
14/3